

Session Program

21-23 May 2018

Siam Physics Congress 2018

A8: Instrument I

Topland | Hotel & Convention Center Phitsanulok
<http://www.toplandhotel.com/index.php> Phitsanulok, Thailand

Monday 21 May

15:30

A8: Instrument I

Session | **Location:** Phichit Room | **Convener:** Narongrit Maneejiraprakarn

15:30-16:00

Smartphone Microscope: Application of the State-of-the-Art Mobile Technology in Science Education

Speaker

Prof. Sanong Ekgasit

16:00-16:15

Form error measurement of spherical object

Speaker

Dr Jariya Buajarearn

16:15-16:30

Density Determination of Irregular Shaped and Small Glass Fragments by Stoke's Law: An Alternative Technique for the Forensic Analysis of Glass

Speaker

Ms Panadda Raya

16:30-16:45

An application of spectrophotometer for ADMI color measurement

Speaker

Prof. Wiwat Wongkokua

16:45-17:00

The case study of water flow measurement comparison in the range of (12-120) L/ min

Speaker

Dr Padipat Wongthep

17:00-17:15

The development of small water flow facility at National Institute of Metrology, Thailand

Speaker

Dr Theerarak Chinarak

17:30

16:30

A8: Instrument I

Session | **Location:** Sukhothai Room | **Convener:** Dr Anucha Kaewpoonsuk

16:30-16:45

Preliminary results of absolute thickness measurement using optical comb interferometry

Speaker

Ms Achaya Teppitaksak

16:45-17:00

Simulation Analysis of Surface Deformation Due to Newly Design Optical Mounting Using Numerical Model

Speaker

Mr kitti wirotrattanaphaphisan

17:00-17:15

**Construction of Blood Pressure Monitor by Using Photoplethysmography
Calibrating with Upper-arm Blood Pressure Monitor**

Speaker

Nattapat Apiwong-ngam

17:15-17:30

**Optical frequency measurement comparison using fiber laser combs between
NIMT and CMS**

Speaker

Dr Narin Chanthawong

17:30